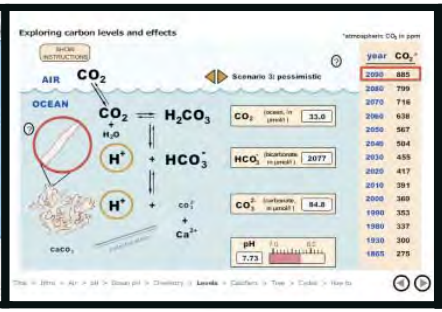
Acid Ocean: a virtual lab

The Inquiry-2-Insight & VirtualUrchin Projects

Project goals: to support the development of laboratory skills and the understanding of environmental problems through the use of social networking and virtual labs

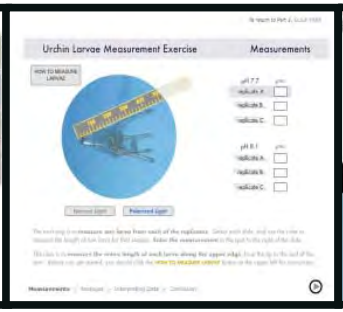
David Epel and his team collaborate with Mike Thordyke's lab in Kristineberg, Sweden and educators in Sweden & California to support an international project in which high school biology students use virtual labs to investigate the problem of ocean acidification. Students use a virtual lab bench & current research data and then share environmental perspectives using their Inquiry-2-Insight social networking site.

David Epel & Seaside High students at Hopkins



Overview of the chemistry of ocean acidification

Acid Ocean virtual lab



Students study scientists' data

Students in Sweden & US share perspectives

How you can help: get the word out to educators, partnerships, sponsorship

Resources:

Virtual Urchin: http://virtualurchin.stanford.edu

SUE Live Labs: http://www.stanford.edu/group/Urchin/contents.html

Inquiry-2-Insight: http://i2i.stanford.edu

Environmental Science Education: http://esi.stanford.edu (beta)

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